Applied Mathematics & Optimization

AN INTERNATIONAL JOURNAL

Volume 32 1995

founded by A. V. Balakrishnan J. L. Lions
G. I. Marchuk L. S. Pontryagin

EDITOR **G. Kallianpur**
Department of Statistics
University of North Carolina
at Chapel Hill
Chapel Hill, NC 27599-3260, USA
(919) 962-2187

ASSOCIATE EDITORS

A. Bensoussan
IRIA-Laboria
Domaine de Voluceau
F-78 Rocquencourt, France

F. H. Clark
CRM
Université de Montréal
C.P. 6128-A
Montréal, Quebec
Canada H3C 3J7

R. Conti
Istituto di Matematica
"Ulisse Dini"
Università di Firenze
Viale Morgagni 67/A
Firenze, Italy

K. Itô
RIMS
Kyoto University
Kyoto 606, Japan

P. Kall
Institut für Operations Research
der Universität Zürich
Moussonstrasse 15
CH-8044 Zürich, Switzerland

D. Kinderlehrer
Department of Mathematics
Carnegie Mellon University
Pittsburgh, PA 15213-3890,
USA

I. Lasiecka
Department of Applied
Mathematics
Thornton Hall
University of Virginia
Charlottesville, VA 22903, USA

S. K. Mitter
Department of Electrical
Engineering
Massachusetts Institute of
Technology
Cambridge, MA 02939, USA

D. L. Ocone
Hill Center for Mathematical
Sciences
Department of Mathematics
Rutgers University
New Brunswick
NJ 08903, USA

Yu. A. Rozanov
Academy of Sciences
Steklov Mathematics Institute
Vavilova Street 42
Moscow B333, Russia

A. Ruberti
Istituto di Automatica
Università di Roma
Via Eudossiana 18
Roma, Italy

J. Stoer
Institut für Angewandte
Mathematik der Universität
Würzburg
Würzburg, Germany

R. Temam
Département de
Mathématiques
Université de Paris-Sud
91405 Orsay, France

R. Triggiani
Department of Applied
Mathematics
Thornton Hall
University of Virginia
Charlottsville, VA 22903, USA

S. R. S. Varadhan
Courant Institute of
Mathematical Sciences
New York University
251 Mercer Street
New York, NY 10012, USA

M. Yamaguti
Department of Mathematics
Kyoto University
Kyoto, Japan

M. Zakai
Technion
Israel Institute of Technology
Haifa, Israel

Springer International

Index to Volume 32

BOTKIN, N. D.: Randomized Algorithms for the Separation of Point Sets and for Solving Quadratic Programs 195

CIMATTI, G.: Fluid Motion in Electrohydrodynamics Driven by Temperature Gradients 99

DI PILLO, G.: Exact Barrier Function Methods for Lipschitz Programs 1

FACCHINEI, F.: see Di Pillo, G. 1

HOU, L. S.: Boundary Optimal Control of MHD Flows 143

ITO, K: Stochastic Evolution Equations in Hilbert Spaces 255

JAMES, M. R.: Consistent Parameter Estimation for Partially Observed Diffusions with Small Noise 47

KIWIEL, K. C.: Finding Normal Solutions in Piecewise Linear Programming 235

LE GLAND, F.: see James, M. R. 47

LITTMAN, W.: see Yung-Jen Lin Guo 281

MALANOWSKI, K.: Stability and Sensitivity of Solutions to Nonlinear Optimal Control Problems 111

MEIR, A. J.: see Hou, L. S. 143

ROMANO, G.: New Results in Subdifferential Calculus with Applications to Convex Optimization 213

ROSENBLUETH, J. F.: Approximation of Strongly Relaxed Minimizers with Ordinary Delayed Controls 33

ROUBAUD, M. C.: Filtrage linéaire par morceaux avec petit bruit d'observation 163

YEZZA, A.: Sensitivity, Controllability, and Necessary Conditions of Optimal Control Problems Governed by Integral Equations 73

YUNG-JEN LIN GUO: Null Boundary Controllability for Semilinear Heat Equations 281

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproductions, also in microform, is transferred to the publisher.

The use of registered names, trademarks, etc., in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

Printed in the United States of America

© 1995 by Springer-Verlag New York Inc.